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**ABSTRACT OF THE DISCLOSURE**

5 A photonic crystal, and a photonic device having such a photonic crystal,  
configured by changing its physical geometry in at least one region to alter light  
propagation and/or confinement. The configuring means may include  
electrostrictive, piezoelectric or magnetostrictive components of the photonic  
crystal, or an actuation device affixed to the photonic crystal.

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